

What is claimed is:

1. A heel lining for the shoe industry, made up of a nonwoven fabric impregnated with a polymer, having a surface weight of 180 to 350 g/m², and tear propagation resistance values > 15 N in both the lengthwise and the crosswise direction, where the nonwoven fabric being made up of melt-spun, multi-component endless filaments, aerodynamically stretched and directly laid up to form a nonwoven material, having a titer < 2 dtex, and the multi-component endless filaments, after preliminary bonding, are split and bonded up to at least 90 % to produce supermicro endless filaments having a titer < 0.2 dtex.
2. The heel lining according to Claim 1, wherein the multi-component endless filament is a bi-component endless filament of two incompatible polymers, particularly a polyester and a polyamide.
3. The heel lining according to Claim 2, wherein the polyester proportion of the multi-component endless filament is higher than the polyamide proportion.
4. The heel lining according to Claim 3, wherein the weight ratio of the polyester proportion to the polyamide proportion in the multi-component endless filament is 1.1:1 to 3:1.
5. The heel lining according to one of Claims 1 to 4, wherein the multi-component endless filaments have a cross-section with an orange-like multi-segment structure, where the segments alternately containing one of the two incompatible polymers, in each instance.
6. The heel lining according to one of Claims 1 to 5, wherein the nonwoven fabric made of the multi-component

endless filaments is pre-calandered for the purpose of preliminary prebonding.

7. The heel lining according to one of Claims 1 to 6, wherein at least one of the incompatible polymers that forms the multi-component endless filament contains an additive, such as dyeing pigments, permanently acting anti-statics and/or additives that influence the hydrophilic properties, in amounts up to 15 wt.-%.
8. The heel lining according to one of Claims 1 to 7, wherein the multi-component endless filament is not crimped.
9. The heel lining according to one of Claims 1 to 8, wherein the nonwoven fabric is impregnated with 20 to 50 wt.-% of a polymer, with reference to the starting weight of the nonwoven fabric.
10. The heel lining according to one of Claims 1 to 9, wherein a high-quality nubuck-like surface is formed after polishing, brought about by the microfilament ends exposed at the surface.
11. The heel lining according to one of Claims 1 to 10, wherein one of the two sides is provided with an application of hot-melt glue.
12. A method for the production of a heel lining according to one of Claims 1 to 11, characterized in that multi-component endless filaments are spun from the melt, aerodynamically stretched, and directly laid up to form a nonwoven material; a prebonding takes place by calendering or needle-punching; and the nonwoven fabric is bonded by high-pressure fluid jets and, at the same time, split into supermicro-filaments having a titer < 0.2 dtex, and subsequently impregnation with a polymer

takes place.

13. The process according to Claim 12, wherein bonding and splitting of the multi-component endless filaments takes place in that the pre-bonded nonwoven fabric is alternately impacted from both sides with high-pressure water jets, several times.
14. The process according to Claim 13, wherein bonding and splitting of the multi-component endless filament is carried out on a unit with rotating screen drums.
15. The process according to one of Claims 12 to 14, wherein impregnation is carried out with an aqueous polyurethane latex dispersion.
16. The process according to one of Claims 12 to 15, wherein subsequent treatment by polishing or buffing is carried out.